

## EAST Search History

| Ref # | Hits   | Search Query                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|-----------------------------|---|------------------|---------|------------------|
| L3    | 1732   | phase near2 imbalance       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:44 |
| L4    | 603    | gain near2 imbalance        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:44 |
| L5    | 305    | 3 with 4                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:44 |
| L6    | 165851 | i same q                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:45 |
| L7    | 156    | 5 same 6                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:45 |
| L8    | 444835 | analog near2 digital or a/d | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:46 |
| L9    | 28     | 7 same 8                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:45 |
| L10   | 369688 | analog adj2 digital or a/d  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:46 |
| L11   | 156    | 7 same 7                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:46 |
| L12   | 24     | 10 same 7                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:49 |
| L13   | 2      | upperside adj1 band         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/12/19 10:49 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L14 | 2085 | upper adj1 sideband                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:50 |
| L15 | 2823 | lower adj1 sideband                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:50 |
| L16 | 7    | receiver same mix\$3 same i same q<br>same 14 same 15 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:56 |
| L17 | 1    | 10/114816   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:57 |
| L18 | 2    | "6356747".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:58 |
| L19 | 1436 | 14 same 15  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:58 |
| L20 | 351  | imbalance near2 i near2 q                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:59 |
| L21 | 0    | 19 same 20  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 10:59 |
| L22 | 37   | 19 and 20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 11:20 |
| L23 | 1    | 10/235389   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 11:37 |
| L24 | 0    | 10 same 13 same 14                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 11:38 |
| L25 | 41   | 10 same 15 same 14                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 11:38 |

## EAST Search History

|     |      |                                 |   |    |    |                  |
|-----|------|---------------------------------|---|----|----|------------------|
| L26 | 3    | 25 and 20                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 11:42 |
| L27 | 2    | "6690735".pn.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:03 |
| L28 | 1    | 10/235389                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:10 |
| L29 | 9286 | direct near3 receiver           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:11 |
| L30 | 96   | 20 and 29                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:11 |
| L31 | 31   | 14 and 15 and 30                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:20 |
| L32 | 0    | 28 and (estimat\$3 with a/d)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:20 |
| L33 | 1    | 28 and (estimat\$3 with analog) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:25 |
| L34 | 1    | 10/693608                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/12/19 12:25 |